## IN THE CLAIMS

Please amend the claims as follows:


1. (Currently Amended) ~~Device~~ A device for recording information on a record carrier, ~~which~~ said device ~~comprises~~ comprising:

[[-]] recording means ~~(22)~~ for recording marks representing digitally encoded real-time information, ~~in particular video~~ including video information, encoded according to a predefined recording format~~,~~;

[[-]] an input unit ~~(27)~~ for receiving a data stream constituting an enhanced user program, the data stream comprising the real-time information and application data objects, at least one subset of the application data objects constituting data for providing to a user at least one interactive application while rendering the real-time information~~,~~;

[[-]] message means ~~(94)~~ for extracting messages from the data stream, the messages containing the application data objects~~,~~;

[[-]] parsing means ~~(95)~~ for generating application control information~~,~~; and

[[-]] control means ~~(20)~~ for storing the messages in a message file separate from the real-time information as a series of the messages for the program, and for storing the application control information in a message info file, the application control information including accessing information for accessing the messages in the message file.

2.   (Currently Amended)   ~~Device~~ The device as claimed in claim 1, wherein the parsing means ~~(95) are arranged for including~~ includes, for a message, at least one of the following items as accessing information in the message info file:

[[-]]   a message number, the message number identifying the message in the series of the messages;

[[-]]   a message type indicator;

[[-]]   a start location in the message file;

[[-]]   length of the message;

[[-]]   number of a succeeding message.


3.   (Currently Amended)   ~~Device~~ The device as claimed in claim 1, wherein the parsing means ~~(95) are arranged for including~~ includes active period information in the message info file, ~~in particular~~ said active period information including a start time and ~~an~~ end time with respect to a presentation time of the program.


4.   (Currently Amended)   ~~Device~~ The device as claimed in claim 1, wherein the message means ~~(94) are arranged for removing~~ removes redundant information from the messages extracted from the data stream.


5.   (Currently Amended)   ~~Device~~ The device as claimed in claim 4, wherein the message means ~~(94) are arranged for removing~~ removes,

as the redundant information, header information of packets, ~~in particular~~including headers of transport stream packets or sections headers as used in compressed video data transmission (MPEG2), or download-data-block headers as used in multimedia data (MHP).

6.    (Currently Amended)    ~~Device~~The device as claimed in claim 4, wherein the message means ~~(94) are arranged for removing~~removes, as the redundant information, messages that are repeatedly transmitted, ~~in particular~~including messages repeatedly transmitted in a data carousel.

7.    (Currently Amended)    ~~Device~~A device for reading information from a record carrier for rendering an enhanced user program, ~~which~~ said device ~~comprises~~comprising:

_____reading means ~~(30)~~ for reading marks representing digitally encoded real-time information, ~~in particular video~~including video information, encoded according to a predefined recording format~~,~~; and

_____control means ~~(20; 32)~~ for providing to a user at least one interactive application based on at least one subset of application data objects while rendering the real-time information, ~~by~~ said control means retrieving application control information from a message info file, and ~~by~~ retrieving messages from a message file based on accessing information included in the application control information, the messages containing the application data

objects, and the message file ~~being~~ having been stored separate from the real-time information.

8.    (Currently Amended)    ~~Record~~ A record carrier carrying information for constituting an enhanced user program, ~~on which~~ said record carrier having marks in a track ~~(9) represent~~ representing:

[[-]]    digitally encoded real-time information, ~~in particular~~ ~~video~~ including video information, encoded according to a predefined recording format,

[[-]]    a message file ~~(102)~~ separate from the real-time information, the message file comprising messages containing application data objects, at least one subset of the application data objects constituting data for providing to a user at least one interactive application while rendering the real-time information, and

[[-]]    a message info file ~~(101)~~ containing application control information including accessing information for accessing the messages in the message file.

9.    (Currently Amended)    ~~Record~~ The record carrier as claimed in claim 8, wherein the message info file ~~(101)~~ contains, as the accessing information for a message, at least one of the following items:

[[-]]    a message number, the message number identifying the message in the series of the messages;

[[-]]    a message type indicator;

[[-]]    a start location in the message file;

[[-]]    length of the message;

[[-]]    start of an active period;

[[-]]    end of the active period;

[[-]]    number of succeeding message.


10.    (Currently Amended)    ~~Method~~ A method of recording

information on a record carrier, ~~which~~ said method ~~comprises~~

comprising the steps of:

[[-]]    recording digitally encoded real-time information, ~~in~~

~~particular video~~ including video information, encoded according to a

predefined recording format~~,~~;

[[-]]    receiving a data stream constituting an enhanced user

program, the data stream comprising the real-time information and

application data objects, at least one subset of the application

data objects constituting data for providing to a user at least one

interactive application while rendering the real-time information~~,~~

; and

[[-]]    extracting messages from the data stream, the messages

containing the application data objects~~,~~;

[[-]]    generating application control information~~,~~; and

[[-]]    storing the messages in a message file separate from the

real-time information as a series of the messages for the program,

and storing the application control information in a message info

file, the application control information including accessing

information for accessing the messages in the message file.

11. (Currently Amended) ~~Computer~~ A computer-readable medium having a computer program ~~product~~ stored thereon for recording information, ~~which~~ said computer program ~~is~~ being operative to cause a processor to perform the method of recording as claimed in claim 10.